

ABSTRACT OF THE DISCLOSURE

A circuit for conditioning a power supply whose graph of the power supplied as a function of the voltage at the terminals of the supply features a maximum comprises a DC/DC converter with an input to which power is supplied by the power supply and an output from which power is supplied to a load. A control circuit controls the converter in accordance with a power set point applied to the converter. The set point is a rising set point when the time derivative of the converter input voltage is higher than a negative first threshold value and a falling set point when the time derivative of the converter input voltage is lower than a positive second threshold voltage. The rate of variation of the average power when the set point is a rising set point is lower than the opposite of the rate of variation of the average power when the set point is a falling set point. The conditioning circuit enables the supply to deliver power at the maximum power point and is simple to implement.